

BIBLIOGRAPHY OF POPULATION FORECASTS AND
PROJECTIONS FOR HAWAII, 1991

At least 155 separate studies of the future population of either the State of Hawaii or City and County of Honolulu have been published since the mid-1920s, 11 of them in the past four years. This annotated bibliography, the tenth in a series first issued in 1960, contains summary information on both methodology and findings of all such studies released since the previous bibliography in 1987, and also on supplemental reports which expanded on the basic publications. Earlier reports containing projections for 1990 or later dates are moreover cited in tables comparing their major findings. 1/

Although 155 separate basic studies have been described in these bibliographies, the number of publications presenting their findings is far greater, and the number of individual projections described in these reports is even larger. The DBED projections issued in 1984, for example, were described in detail in reference 137a, but a summary report (reference 137b) was released at the same time, and four later publications (references 137c, 137d, 137e, and 137f) contained details or extensions of the basic projections not available in the primary document. The original report, moreover, described 18 illustrative series, the recommended or "most likely" set and 17 others characterized by important (but "less likely") variations on the basic series and its underlying components of population change. Other studies have similarly offered many different projections, based on varying assumptions regarding fertility, mortality, or migration. Such series often differ widely; one report, for example, presented two estimates of the resident population of Oahu in 1995, a "low" figure of 924,000 and a "high" of 1,400,000--more than half again as great.

1/ The earlier bibliographies were:

Hawaii State Planning Office, Annotated Bibliography of Population Projections for Hawaii (Staff Research Memorandum 25, March 29, 1960); Hawaii State Department of Planning and Economic Development, Annotated Bibliography of Population Projections Issued Since 1959 (Research Memorandum 5, April 27, 1964);

Hawaii State Department of Planning and Economic Development, State of Hawaii General Plan Revision Program, Part 4, Population Projections (1967), pp. 73-76 and 81-84; City and County of Honolulu, Department of Public Works, Water Quality Program for Oahu With Special Emphasis on Waste Disposal, Final Report, Work Area 1, Demographic and Economic Studies (June 1971), Appendix 3;

Honolulu Redevelopment Agency, "Population Forecasts for Hawaii, 1972-2070," Redevelopment and Housing Research, No. 32, July 1972, pp. 12-22;

Hawaii State Department of Planning and Economic Development, The Population of Hawaii, 1958-2025, Recent Trends and Projections (Statistical Report 114, May 5, 1976), Appendix B.

Hawaii State Department of Planning and Economic Development,

Bibliography of Population Forecasts and Projections for Hawaii, 1981 (Statistical Report 151, January 15, 1982);

Hawaii State Department of Planning and Economic Development, Hawaii Population and Economic Projection and Simulation Model, Updated State and County Forecasts (July 1984), Appendix D, pp. 91-96; and

Hawaii State Department of Planning and Economic Development, Bibliography of Population Forecasts and Projections for Hawaii, 1987 (Statistical Report 199, May 15, 1987).

Comparison of competing population forecasts is complicated by the lack of uniformity in definitions. Some refer to resident population, while others deal with de facto population--a concept that includes visitors present in an area but excludes residents temporarily away on vacation or business. Whether resident or de facto, the total is further modified by different treatment according to military status. Some studies cover the entire population, others exclude all members of the armed forces, and a few even omit the civilian dependents of armed forces. The most useful analyses cover all groups, but show separate statistical totals for each. Among the 11 Hawaii studies published since 1987, all 11 reported total resident population, one included a breakdown by military status, and two included matching projections of de facto population. 2/

Geographic coverage is similarly variable. In the same 11 Hawaii studies, five reported only State totals, one referred only to the City and County of Honolulu (or the Honolulu SMSA or Oahu, all of which are the same thing), and five provided projections at both levels. Four, moreover, disaggregated the State projections by counties although none showed forecasts by census tracts or other island subareas.

Eight of the studies projected totals by age groups.

Forecasting methods differed widely. The most popular, used by six of the 11 studies, typically involved an initial forecast of economic activity (sometimes tied to national projections), projections of employment by sector or industry, a projection of labor force participation rates, and finally a computation of the population implicit in these estimates. This approach assumes that demographic growth is caused by economic activity. The opposite approach, chosen in two of the studies, requires a cohort-component analysis, in which age-specific fertility, mortality, and migration rates are separately projected. Three did not report their methodology.

Not surprisingly, the 11 studies produced widely divergent results. Projections of the total resident population of the State, for example, ranged from 1,174,000 to 1,368,000 for 2000, and from 1,250,000 to 1,608,000 for 2010. Projections of the total resident population of Oahu--actually 806,000 in 1985--ranged from 827,000 to 969,000 for 2000, and from 841,000 to 1,046,000 for 2010.

Comparing earlier projections for 1990 with the recent

released census counts for that year might be expected to yield insight into the relative accuracy of various methods, but such simple comparisons produce surprisingly mixed results, and in any event can be seriously misleading unless supported by an in-depth, systematic analysis of forecasting errors. Most of the studies cited in this bibliography must be viewed as unique, and thus not subject to easy generalizations.

2/ Population estimates and projections published for Hawaii prior to World War II generally referred to total resident population. Rapid shifts in the military population after the onset of war and the lack of good data on this category led to the increasing use of civilian population as the unit of measurement in succeeding years. A 1953 study by the U.S. Office of Business Economics concluded that the most reasonable base for computing per capita personal income was total resident population less Navy personnel aboard ship, and subsequent reports by this agency (now called the Bureau of Economic Analysis) followed this definition until 1976. The distinction between resident and de facto population was first made for Hawaii by the Honolulu Redevelopment Agency, which published its estimates for both types of population initially in *Redevelopment and Housing Research*, No. 3, January 1956, p. 44. The de facto concept was eventually adopted by both the State Department of Health and State Department of Planning and Economic Development (now DBED) for use in official State estimates, along with the traditional resident basis.

Notwithstanding past misadventures by various authorities, the State forecasts in current official use are tracking actual developments with considerable success. The DPED's M-K series (reference 149), recommended since its publication in 1988 for official planning purposes, differed from the 1990 enumerated population by only 2.6 percent for the State as a whole, 3.1 percent for Oahu, and 1.5 percent for the Neighbor Islands. The corresponding de facto projections deviated by 1.7 percent at the statewide level, 2.2 percent for Oahu, and 0.3 percent for the Neighbor Islands.

The following bibliography cites the major population forecasts issued for Hawaii since 1987. It updates the nine bibliographies of such studies issued previously. The updated listing is confined to published studies reporting projections for 1995 or later years, for either the State as a whole or the City and County of Honolulu. It omits unpublished studies, projections limited to single districts or islands, and the numerous casual forecasts appearing in speeches or promotional literature and sometimes reported in newspaper accounts. The listing is numbered to follow the citations in previous bibliographies. Besides the basic studies mentioned in the preceding paragraphs, it includes several major reports which repeated earlier efforts but with additional details.

145. Woods & Poole Economics, Inc., 1987 Alaska and Hawaii State Profile (Washington, D.C., May 1987). Part of a nationwide study covering 183 economic areas, all 50 States, and their respective counties. Projections are shown to 2010, calculated from "export-base" (agriculture, mining, manufacturing, and federal government) models. The projections cover population by detailed age, population by race (white, black, other), households and average household size, employment and earnings by industry, and personal income by component. The following population totals (in thousands) are shown for Hawaii:

Year	State	Hawaii	Honolulu	Kauai	Maui
1987.....	1,078.27	114.38	823.49	47.19	93.22
1990.....	1,099.59	117.91	827.91	49.53	104.24
2000.....	1,173.64	138.81	827.23	59.80	148.29
2010.....	1,250.18	156.58	841.01	66.69	185.90

146a. Hawaii State Department of Business and Economic Development, Revised Long-Range Economic and Population Projections to 2010, State of Hawaii (Series M-K), Preliminary Report (January 1988). A preliminary version of the report cited below as reference 149. Statewide resident population totals presented here are as follows: 1985, 1,051,500; 1990, 1,142,500; 2000, 1,294,200; 2010, 1,435,100.

146b. Bank of Hawaii, "Long-Range Projections for Hawaii," Business Trends, March-April 1988, pp. 5-6. A discussion of the projections in 146a.

147a. U.S. Bureau of the Census, "Three States Likely to Provide Half of U.S. Population Growth into the Next Century, Census Bureau Projects [sic] Show," Release CB88-48 (April 1, 1988). A summary of the findings of 147b.

147b. U.S. Bureau of the Census, "Projections of the Population of States, by Age, Sex, and Race: 1988 to 2010," Current Population Reports, Population Estimates and Projections, Series P-25, No. 1017 (October 1988). Projections based on the cohort-component method, using assumptions on future in- and out-migration flows consistent with recent experience. Resident population totals reported for Hawaii are as follows: 1986, 1,062,000; 1990, 1,141,000; 2000, 1,345,000; 2010, 1,559,000.

148. NPA Data Services, Washington, D.C., 1986 Regional Economic Projections Series, Vol. III, as cited in American Demographics, July 1988, p. 56. Population projections by age group for the Honolulu MSA (Oahu), 1985-2010, "based on the cohort-component method to predict natural increase and NPA's economic model to predict migration." All-age totals shown are: 1985, 813,400; 1990, 848,690; 2000, 929,590; 2010, 1,000,790.

149. Hawaii State Department of Business and Economic Development, Population and Economic Projections for the State of Hawaii to 2010 (Series M-K) (November 1988). Presents projections of resident and de facto population, civilian jobs by industry, personal income, per capita income, and visitors, for

the State and each county, based on the State input-output model and assumptions regarding future fertility, migration, and growth in tourism, at five-year intervals from 1985 to 2010. The resident population is also disaggregated by age and sex at the State (but not county) level. The resident and de facto population projections (in thousands) are as follows:

Type of population and year	State total	City and County of Honolulu	Other counties			
			Total	Hawaii	Kauai	Mauil/
Resident population:						
1990.....	1,137.2	861.6	275.6	124.6	54.1	96.8
1995.....	1,225.2	910.4	314.9	142.5	61.1	111.2
2000.....	1,285.1	932.8	352.4	160.4	68.2	123.9
2005.....	1,350.8	961.1	389.7	180.8	75.5	133.4
2010.....	1,435.5	999.5	435.9	206.1	84.6	145.2
De facto population:						
1990.....	1,269.1	928.0	341.2	134.4	70.1	136.7
1995.....	1,382.3	983.1	399.2	158.6	81.7	159.0
2000.....	1,468.6	1,012.5	456.1	183.0	94.0	179.1
2005.....	1,560.3	1,048.5	511.9	211.0	104.8	196.0
2010.....	1,674.2	1,094.7	579.5	243.0	120.3	216.2

150. Woods & Poole Economics, Inc., 1989 Alaska and Hawaii State Profile (Washington, D.C., 1989). Contains State and County projections of resident population by five-year age groups, employment and earnings by industry, personal income by component, households, and retail sales by type of establishment, 1989-2010. Starts with national projections based on a 150-equation macroeconomic model. For 183 economic areas, employment projections are based on an "export-base" approach, with the results constrained to the national forecast. The procedure is then repeated for States and finally for counties. The employment projections are used to project earnings, which in turn become the basis for projections of population and households. The resident population totals thus derived are as follows:

Year	State	Honolulu	Hawaii	Kauai	Mauai
1989.....	1,107.67	839.10	120.05	50.60	97.92
1990.....	1,122.57	845.74	122.24	52.22	102.37
1995.....	1,190.48	872.86	132.15	60.19	125.28
2000.....	1,249.46	893.08	140.24	67.62	148.53
2005.....	1,386.79	955.97	156.24	81.37	193.20

151. DRI/McGraw-Hill, "Hawaii Still a Favored Playground," Regional Information Service, Western Region, Summer 1989 (Lexington, Mass.: Standard & Poor's Corp., 1989), pp. 48-50. Projections of population, labor force, employment, personal income, consumer price index, median home price, and housing starts, 1988-2000. Methodology and assumptions not specified. Population projections (in millions) for selected years are as follows: 1987 and 1990, 1.1; 1995, 1.2; 2000, 1.3.

152. Bank of Hawaii, "A Forecast Poll on Hawaii's Economy in 1999," Business Trends, November-December 1989, pp. 3-4. Reports two sets of economic and demographic projections for Hawaii -- resident population, gross state product, total and per capita personal income, Honolulu CPI, visitor arrivals and expenditures, average room rates, manufacturing receipts, agricultural receipts, defense expenditures, and value of construction -- to 1999. The first set consists of forecasts made by the Bank of Hawaii and provided by David Ramsour to the Bank's 1989 economic outlook conference; the second is the average of forecasts made by 160 members of Hawaii's business community polled by the Bank. The Bank's 1999 Statewide resident population projection was 1,300,000, compared with their 1989 estimate of 1,114,673. The average group forecast for 1999 was 1,345,517.

153. U.S. Bureau of the Census, "Projections of the Population of States by Age, Sex, and Race: 1989 to 2010," Current Population Reports, Population Estimates and Projections, Series P-25, No. 1053 (January 1990). An updated and expanded version of the projections in 147b, this time presenting four alternative series based on different assumptions regarding future internal migration. The Statewide resident totals thus calculated for Hawaii are as follows:

Series	1988	1990	1995	2000	2005	2010
Series A.....	1,098	1,133	1,253	1,362	1,472	1,590
Series B.....	1,098	1,134	1,256	1,373	1,490	1,615
Series C.....	1,098	1,132	1,253	1,368	1,484	1,608
Series D 1/....	1,098	1,111	1,180	1,244	1,306	1,369

1/ Zero net migration assumption.

154a. U.S. Bureau of Economic Analysis, "Regional and State Projections of Income, Employment, and Population to the Year 2000," Survey of Current Business, May 1990, pp.33-54. These projections were prepared by BEA, first for the nation as a whole and then by States, "based on historical economic relationships within each State between basic industries -- those that mainly serve national markets -- and service industries -- those that mainly serve local markets." These projections, made to 2010, were then extended to 2020 and 2040, based on simplified techniques and assumptions. Population projections for Hawaii were: 1988, 1,098,000; 1995, 1,226,000; 2000, 1,293,000.

154b. U.S. Bureau of Economic Analysis, BEA Regional Projections to 2040, 3 vol. Vol. 1, States (June 1990), Hawaii on pp. 124-125; Vol. 2, Metropolitan Statistical Areas (October 1990), Honolulu on p. 146; Vol. 3, BEA Economic Areas (October 1990), area 183, Hawaii, on p. 184. Detailed descriptions of series summarized in 154a. Presents projections to 2040, based on 1973-88 trends, of personal income and employment by industry and population by broad age groups, for the State and (without age breakdowns) for the Honolulu MSA. The population projections are as follows:

Year (July 1)	State total	Age			Island	
		Under 18 years	18 to 64 years	65 years and over	Oahu	Other islands
1988.....	1,098	287	697	114	838	260
1995.....	1,226	312	768	146	925	301
2000.....	1,293	315	817	161	969	324
2005.....	1,354	312	866	176	1,009	345
2010.....	1,411	309	904	198	1,046	365
2020.....	1,493	315	912	266	1,102	391
2040.....	1,565	310	900	356	1,151	414

154c. U.S. Bureau of Economic Analysis, "Metropolitan Statistical Area Projections of Income, Employment, and Population to the Year 2000," Survey of Current Business, October 1990, pp. 26-32. MSA projections consistent with the State-level projections in 154a, "based on the historical record of each substate area's share of the State totals." The Honolulu MSA (Oahu) population projections are: 1988, 838,000; 1995, 925,000; 2000, 969,000.

155. Hawaii State Department of Business, Economic Development & Tourism, "DBED Economic Forecast, December 1990," preprint of tables planned for publication in Quarterly Statistical & Economic Report, 4th quarter 1990. Table 2 contains revisions in M-K Statewide resident population totals to 1995 (see reference 149): 1,132,600 in 1990 and 1,222,900 in 1995.

Table 1.-- POPULATION PROJECTIONS FOR THE
STATE, OAHU, AND NEIGHBOR ISLANDS:
PUBLISHED BEFORE 1981: 1990 TO 2010

[In thousands. Unless otherwise specified, data refer to total resident population, including military personnel and dependents]

Geographic area, source and date of publication 1/	1990		1995	2000	2010
	Enumerated	Projected			
STATE OF HAWAII					
12. Health Dept., 1957 2/	1,053	664	672	678	...
32. Census Bureau, 1960:					
Lowest.....	1,108	...	...	1,155	...
Highest.....	1,108	...	...	1,514	...
33f. Child/DPR, 1961 2/.....	1,053	1,242	...	1,490	...
38. Tudor, 1961: 2/					
Low.....	1,053	900	...	1,000	...
High.....	1,053	1,300	...	1,500	...
46. Army Engineers, 1963 2/...	1,053	...	...	1,261	...
50. USORRRC, 1962.....	1,108	...	...	1,375	...
59. DPED, 1965:					
Low.....	1,108	1,023	...	...	...
Medium.....	1,108	1,159	...	...	...
High.....	1,108	1,282	...	...	...

61. DPED, 1965:					
Low.....	1,108	931	...	...	...
Medium.....	1,108	1,000	...	...	...
High.....	1,108	1,304	...	...	...
70. Army Engineers, 1967 2/...	1,053	...	...	...	1,261
71. DPED, 1967 (Series C).....	1,108	1,352	...	...	...
74. OBE, 1968.....	1,108	1,038	...	1,185	...
79. DPED, 1969 2/.....	1,053	1,212	...	...	...
84. EWPI, 1971: 3/					
Lowest.....	993	787	...	832	...
Highest.....	993	971	...	1,155	...
85. DPED, 1972 (medium).....	1,108	1,049	1,128	1,209	...
86. Census Bureau, 1972:					
Lowest.....	1,108	933	...	...	...
Highest.....	1,108	1,245	...	...	...
90. BEA, 1972.....	1,108	1,030	...	1,179	...
91. USDOT, 1972-73.....	1,108	946	...	...	...
93. Pickard, 1972:					
Series B.....	1,108	1,171	...	1,425	...
Series E.....	1,108	1,045	...	1,182	...
94. Berry, 1972:					
Series B.....	1,108	1,131	...	1,333	...
Series E.....	1,108	1,022	...	1,120	...
95. Renaud, 1973 3/.....	993	936	1,007	1,078	...
100. BEA, 1974.....	1,108	979	...	1,085	...
101. Gardner/Nordyke, 1974: 3/					
Lowest (exc. ZPG).....	993	799	...	846	...
Highest.....	993	1,000	...	1,196	...
105. DPED, 1975-76 (E-2).....	1,108	1,132	1,239	1,349	...
113. BEA, 1977.....	1,108	1,154	...	1,288	...
115. DPED, 1977:					
MHG.....	1,108	1,117	...	...	...
Modified E-2.....	1,108	1,156	...	...	...
116. DPED, 1977 (II-E).....	1,108	1,132	1,202	1,294	...
117. DPED, 1978-79 (II-F):					
Resident.....	1,108	1,092	1,164	1,226	...
De facto.....	1,248	1,230	1,325	1,395	...
118. Health Dept., 1978.....	1,108	...	...	1,350	...
119. Census Bureau,					
1978-79 (II-B).....	1,108	1,086	1,145	1,193	...
121. Pham/Renaud, 1979 3/.....	993	924	...	1,083	...
123. BEA, 1980.....	1,108	1,079	...	1,229	...

OAHU

4. BWS, 1952.....	836	...	...	570	...
12. Health Dept., 1957 2/.....	781	566	575	581	...
33f. Child/DPR, 1961 2/.....	781	981	...	1,178	...
38. Tudor, 1961: 2/					
Low.....	781	700	...	800	...
High.....	781	1,000	...	1,200	...
46. Army Engineers, 1963 2/...	781	...	...	...	1,016
71. DPED, 1967 (Series C).....	836	1,174	...	...	...
81. BWS, 1971 4/.....	853	959	1,064	1,162	...
82. Hon. DPW, 1971:					
Civilian resident.....	781	905	...	1,092	...
De facto.....	908	1,043	...	1,248	...

83. Hon. Planning Dept., 1971:					
Resident: Low.....	836	955	1,101	1,266	...
High.....	836	1,329	1,664	2,050	...
De facto: Low.....	908	1,020	1,173	1,344	...
High.....	908	859	924	990	...
85. DPED, 1972.....	836	859	924	990	...
93. Pickard, 1972:					
Series B.....	836	1,035	...	1,290	...
Series E.....	836	924	...	1,071	...
95. Renaud, 1975 3/.....	722	...	...	917	...
96. Plasch, 1973.....	836	1,045	1,143	...	...
99. Hon. Planning Dept., 1973:					
Low.....	836	...	924	...	...
High.....	836	...	1,400	...	...
100. BEA, 1974.....	836	842	...	952	...
105. DPED, 1975-76 (E-2).....	836	891	965	1,039	...
112. Hon. DGP, 1977:					
Case A' (lowest).....	836	762	768	...	...
Case C (highest).....	836	1,003	1,064	...	...
115. DPED, 1977:					
MHG-DNI.....	836	873	...	...	...
MHG-DO.....	836	914	...	...	...
117. DPED, 1978-79 (II-F):					
Resident.....	836	845	886	917	...
De facto.....	908	918	966	996	...
118. Health Dept., 1978.....	836	...	...	1,050	...

NEIGHBOR ISLANDS

12. Health Dept., 1957 2/.....	272	98	97	97	...
33f. Child/DPR, 1961 2/.....	272	261	...	312	...
38. Tudor, 1961: 2/					
Low.....	272	200	...	200	...
High.....	272	300	...	300	...
46. Army Engineers, 1963 2/...	272	...	...	...	245
85. DPED, 1972.....	272	190	204	219	...
93. Pickard, 1972:					
Series B.....	272	136	...	135	...
Series E.....	272	121	...	112	...
95. Renaud, 1973 3/.....	271	...	...	161	...
100. BEA, 1974.....	271	137	...	133	...
105. DPED, 1975-76 (E-2).....	272	241	274	310	...
115. DPED, 1977:					
MHG-DO.....	272	203	...	...	...
MHG-DNI.....	272	244	...	...	...
117. DPED, 1978-79:					
Resident.....	272	246	278	308	...
De facto.....	340	312	359	399	...
118. Health Dept., 1978.....	272	...	...	300	...

1/ Source references are listed in this bibliography and earlier ones cited in the narrative.

2/ Excludes armed forces.

3/ Excludes military personnel and their dependents.

4/ De facto population, excluding armed forces.

Table 2.-- POPULATION PROJECTIONS FOR THE
STATE, OAHU, AND NEIGHBOR ISLANDS:
PUBLISHED SINCE 1981: 1990 TO 2035

[In thousands. Unless otherwise specified, data refer to total resident population]

Geographic area, source and date of publication 1/	1990		1995	2000	2005	2010
	Enumerated	Projected				
STATE OF HAWAII						
123a.BEA, 1981 2/.....	1,108	1,079	1,152	1,229	...	1,350
125. BEA, 1981 rev.....	1,108	1,119	...	1,269	...	...
130. NPA, 1982.....	1,108	1,017	...	1,165	...	...
132. JCUS, MIT, 1983.....	1,108	...	...	1,399	...	...
133. Bureau of Census, 1983.....	1,108	1,138	...	1,278	...	...
135. NPA, 1983.....	1,108	1,104	...	1,300	...	...
137a.DPED, 1984 (M-F):						
Resident.....	1,108	1,138	1,211	1,268	1,310	...
De facto.....	1,248	1,277	1,373	1,447	1,501	...
138a.BEA, 1985 2/.....	1,108	1,106	1,156	1,207	1,258	...
139a. Woods & Poole, 1985...	1,108	1,109	1,226	...	1,548	...
140. NPA, 1985.....	1,108	...	...	1,117	...	...
141. PBN, 1985.....	1,108	1,190	...	...	...	...
145. Woods & Poole, 1987.....	1,108	1,100	1,132	1,174	...	1,250
146. DBED, Jan. 1988 (M-K, prel.):						
Resident.....	1,108	1,142	1,229	1,294	1,360	1,435
De facto.....	1,248	1,284	1,397	1,489	1,581	1,687
147. Census Bureau, 1988.....	1,108	1,141	1,243	1,345	1,449	1,559
149. DBED, Nov. 1988 (M-K, rev.):						
Resident.....	1,108	1,137	1,225	1,285	1,351	1,436
De facto.....	1,248	1,269	1,382	1,469	1,560	1,674
150. Woods & Poole, 1989.....	1,108	1,123	1,190	1,249	...	1,387
151. DRI/McGraw, 1989.....	1,108	1,100	1,200	1,300	...	...
152. Bank of Hawaii, 1989.....	1,108	...	...	3/1,300	...	...
153. Census Bureau, 1990 (Ser. C).....	1,108	1,132	1,253	1,368	1,484	1,608
154. BEA, 1990 2/.....	1,108	...	1,226	1,293	1,354	1,411
155. DBED, 1990.....	1,108	1,133	1,223	...	...	...
OAHU						
123a.BEA, 1981: 2/						
"No change".....	836	861	...	980	...	...
"Low change".....	836	851	...	967	...	...
"Moderate change".....	836	846	...	957	...	...
126. BWS, 1981:						
Resident.....	836	845	886	947	...	...
De facto.....	908	909	958	1,027	...	...
134. ODC/DGP, 1983:						
Low.....	836	...	...	872	...	...

High.....	836	...	...	963	...	...
135. NPA, 1983.....	836	...	...	1,000+	...	...
137a.DPED, 1984 (M-F):						
Resident.....	836	859	897	926	954	...
De facto.....	908	941	985	1,018	1,052	...
138b.BEA, 1985 2/.....	836	851	883	916	951	...
139a.Woods & Poole, 1985.....	836	860	943	...	1,198	...
141. PBN, 1985.....	836	900	...	...	...	...
142. Reid, 1985.....	836	...	...	901	...	...
145. Woods & Poole, 1987.....	836	828	826	827	...	841
146. DBED, Jan. 1988 (M-K, prel.):						
Resident.....	836	867	916	945	975	1,013
De facto.....	908	939	994	1,030	1,068	1,119
148. NPA, 1988.....	836	849	...	930	...	1,001
149. DBED, Nov. 1988 (M-K, rev.):						
Resident.....	836	862	910	933	961	1,000
De facto.....	908	928	983	1,012	1,048	1,095
150. Woods & Poole, 1989.....	836	846	873	893	...	956
154. BEA, 1990 2/.....	836	...	925	1,046	969	1,009

NEIGHBOR ISLANDS

123a.BEA, 1981: 2/						
"No change".....	272	218	...	249	...	...
"Low change".....	272	228	...	262	...	...
"Moderate change".....	272	233	...	273	...	...
137a.DPED, 1984 (M-F):						
Resident.....	272	279	310	342	356	...
De facto.....	340	336	388	429	449	...
138b.BEA, 1985 2/.....	272	255	273	291	308	...
139a.Woods & Poole, 1985.....	272	250	283	...	350	...
141. PBN, 1985.....	272	290	...	...	...	...
145. Woods & Poole, 1987.....	272	272	306	346	...	409
146. DBED, Jan. 1988 (M-K, prel.):						
Resident.....	272	275	313	349	384	422
De facto.....	340	345	403	459	513	568
149. DBED, Nov. 1988 (M-K, rev.):						
Resident.....	272	276	315	352	390	436
De facto.....	340	341	399	456	512	580
150. Woods & Poole, 1989.....	272	277	318	356	...	431
154. BEA, 1990 2/.....	272	...	301	324	345	365

1/ Source references are listed in this bibliography and the preceding one (cited in the narrative).

2/ Also includes projections for years beyond 2010.

3/ 1999.